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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/013268
Filing Date	
First Named Inventor	Elan Yugeswaren
Art Unit	
Examiner Name	

Attorney Docket Number PAT028US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code (if known)			
MM	AA	US-	3,553,640	01-05-1971	Zemanek
	AB	US-	4,382,201	05-03-1983	Trzaskos
	AC	US-	4,485,321	11-27-1984	Klicker, et al.
	AD	US-	4,523,122	06-11-1985	Tone et al.
	AE	US-	4,571,693	02-18-1986	Birchak et al.
	AF	US-	4,628,223	12-09-1988	Takeuchi et al.
	AG	US-	4,665,511	05-12-1987	Rodney et al.
	AH	US-	4,800,316	01-24-1989	Ju-Zhen
	AI	US-	4,890,268	12-26-1989	Smith et al.
	AJ	US-	5,130,950	07-14-1992	Orban et al.
	AK	US-	RE 34,975	06-20-1995	Orban et al.
	AL	US-	5,469,736	11-28-1995	Moake
	AM	US-	5,486,695	01-23-1996	Schultz et al.
	AN	US-	6,213,250 B1	04-10-2001	Wisniewski et al.
	AO	US-	6,467,140 B2	10-22-2002	Gururaja

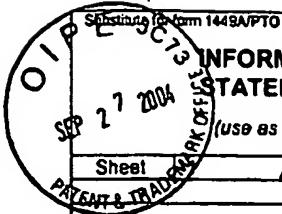
FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Country Code-Number-Kind Code			
MM	AP	GB-2,156,984-A		10-16-1985	Rodney et al.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			
MM	AQ	McKeighen, R.E., "Design Guidelines for Medical Ultrasonic Arrays", SPIE International Symposium on Medical Imaging, Feb. 25, 1998.			
	AR	Ohm, R.F., "The Vanderbilt Rubber Handbook, 13 th Ed.", R.T. Vanderbilt Company, Inc., Nowalk, CT, 1990, pages 211-222.			
	AS	Smith, W.A., "New Opportunities in Ultrasonic Transducers Emerging from Innovations in Piezoelectric Materials", SPIE Vol. 1733, 1992, pages 3-26.			
	AT	Product Literature obtained from Ohara Corporation, 23141 Arroyo Vista, Santa Margarita, CA, July 2003. http://www.oharacorp.com/swf/ap.html			
	AU	Product Literature obtained from Corning Glass Works Corporation, Houghton Park, New York, June 2003.			
	AV	Product Literature "Dyneon Fluoroelastomer FE5623", Obtained from Dyneon, Decator, Alabama, June 2003.			
	AW	Product Literature "Dyneon Fluoroelastomer FC2178", Obtained from Dyneon, Decator, Alabama, June 2003.			
	AX	Product Literature "Dyneon Fluoroelastomer FC2181", Obtained from Dyneon, Decator, Alabama, June 2003.			
	AY	Technical Information "Viton@B-50", DuPont Dow elastomers, dated December 1998, Wilmington, Delaware 19809.			

Examiner Signature	Primary Examiner	Date Considered	6-13-05
MARY J. BURG			
APR 11 2005			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.
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Simpler Form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
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Sheet 1

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Complete If Known

Application Number	10/613,268
Filing Date	07-03-2003
First Named Inventor	Eian Yopesswaren
Art Unit	3663
Examiner Name	Scott Hughes

Attorney Docket Number

PAT028US

PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

Class / Sub

Examiner Initials*	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)				
JB	AA	US-	20020062992-A1	05-30-2002	Fredericks et al.	
	AB	US-	20020096363-A1	07-25-2002	Evans et al.	
	AC	US-	20020113717-A1	08-22-2002	Tang et al.	
	AD	US-	2003002388-A1	01-02-2003	Mandal	
	AE	US-	20030018433-A1	01-23-2003	Blanch et al.	
	AF	US-	20030058739-A1	03-27-2003	Hsu et al.	
	AG	US-	20030106739-A1	06-12-2003	Arian et al.	
	AH	US-	20030114987-A1	06-19-2003	Edwards et al.	
	AI	US-	20030123326-A1	07-03-2003	Wisniewski et al.	
	AJ	US-	20030137302-A1	07-24-2003	Clark et al.	
	AK	US-	20030137429-A1	07-24-2003	Clark et al.	
	AL	US-	20030139884-A1	07-24-2003	Blanch et al.	
	AM	US-	20030141872-A1	07-31-2003	Clark et al.	
	AN	US-	20030150262-A1	08-14-2003	Han et al.	
	AO	US-	20030167126-A1	09-04-2003	Horne et al.	
	AP	US-	3,381,267	04-30-1968	Cubberly, Jr., et al.	
	AQ	US-	3,493,921	02-03-1970	Johns	
	AR	US-	3,770,006	11-08-1973	Sexton et al.	
	AS	US-	3,792,429	02-12-1974	Patton et al.	
	AT	US-	3,867,714	02-18-1975	Patton	
	AU	US-	4,450,540	05-22-1984	Mallett	
	AV	US-	4,543,648	09-24-1985	Hsu	
	AW	US-	4,594,691	06-10-1986	Kimball et al.	
	AX	US-	4,649,526	03-10-1987	Winbow et al.	
	AY	US-	4,682,308	07-21-1987	Chung	
	AZ	US-	4,698,792	10-06-1987	Kurkjian et al.	
	AAA	US-	4,698,793	10-06-1987	Wu	
	AAB	US-	4,700,803	10-20-1987	Mallett et al.	
	AAC	US-	4,774,693	09-27-1988	Winbow et al.	
	AAD	US-	4,832,148	05-23-1989	Becker et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T'
		Country Code	Number-Kind Code				
JB	AAE	CA	2346546	11-22-2001	Schlumberger Canada		
	AAF	EP	0375549-A2	06-27-1990	Schlumberger Limited		
	AAG	EP	1158138-A2	11-28-2001	Schlumberger Limited		
	AAH	GB	2381847-A	05-14-2003	Schlumberger Holdings Limited		
	AAI	WO	0072000-A1	11-30-2000	Baumel et al.		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T'
Examiner Signature	MAKALU BUDD PRIMARY EXAMINER	Date Considered	6-13-01

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